Quick Reference Guide – InfiMed i^5 Platform for RF/DSA

Turn On Equipment

1. Turn on power to x-ray generator.

2. Turn on power to computer.

Let devices complete their start-up routines. Windows XP Login window displays.

3. Login as the appropriate type of user, and enter password.

InfiMed i^5 application opens in clinical mode.

Customer, Software, & System Info

Click on InfiMed logo at top of menu. The About dialog presents software version, system identification, and customer support contact information.

Full User Manual

Click the question mark icon near upper corner of menu

Display Function Toolbar

Click arrow button at bottom of menu . The following display:

GUI dimming

Technologist's initials

DICOM job status

Service mode login

Exit application and logoff user

Patient Data

On Main Menu, click Patient List . Patient List or Worklist window displays.

New patient: On Patient List window, click add patient icon . New window, (New Patient) appears. Fill in pertinent information. Required information has boxes outlined in red.

Click Open Patient . After prompt for technician's initials, a new patient is opened and ready for image acquisition.

Emergency patient: On Main Menu or Patient List window, click on ambulance icon ,and *system is immediately ready for image acquisition*. The Patient is given temporary identifying information in the InfiMed i^5 system.

Worklist patient: On Worklist window, alter query parameters, & click Refresh to update scheduled patient(s) on screen. Double-click desired patient, or select and click Open icon. After prompt for tech's initials, *selected patient is opened and ready for image acquisition.*

Acquire Images

Each *study* is a computer folder containing information about a patient.

1. Open new, emergency, or worklist patient, ***or***

2. Select desired patient / study (with existing images) from Patient List.

3. Open. Patient's name, ID, and date of birth (if available) show in upper left of main image area on screen.

4. Confirm parameters: (a) Acquisition profile or work procedure / work item, (b) Rad/fluoro modes, (c) Image profile settings, (d) Rad/fluoro APR parameters. Modify parameters noted above, if needed. *More . . .*

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5. Activate generator to acquire and save image(s) for current acquisition profile or work item.

6. Review and adjust image, if desired.

See below.

7. Repeat steps 4 - 6 until the study is complete.

8. Close patient.

Review Images

Click on Review tab

to examine patient's images.

1. Images displayed: The three icons below Review Tab show display options: (a) one image, (b) four images, (c) sixteen images. With multiple images on screen, click or select target image; use Ctrl-click to select multiple images. Use arrow icons above Review Tab to cycle.

2. Drag & drop selected image(s) to reference monitor

3. Calibrate and enter measurement length or angle

4. Select which image will act as mask for DSA images **or for DSA / Roadmap images. Apply** landmarking / re-registration tools.

5. Measure stenosis with Quantitative Coronary Analysis (QCA) tool for DSA images.

6. Image modification:

- Edge enhancement
- Reverse polarity
- Zoom & pan (click-drag to pan)
- Revert to acquired image
- Key image note
- Mark / unmark image for deletion
- **[Slider]** Adjust AIO Average Goal
- Adjust brightness/contrast
- Adjust image shutters manually
- Add annotation or pointer

7. Display thumbnails of acquired images along bottom of screen):

Export & Import Patient Data

1. Export to network: From Patient List window click . Or on Main Menu with patient open, click to send to network.
2. Select Patient(s) or Study(ies) to export to network from new Network window.
3. Options: Process image - Embed annotations - Copy - Anonymize

1. Export to media (CD or DVD): From Patient List window click . Or on Main Menu with patient open, click to export to media.
2. Select Patient(s) or Study(ies) to export to media from new Media window.
3. Options: Process image - Embed annotations - Anonymize - Verify media - Erase existing content

1. Print: Start with images from selected Study and Patient visible on screen.
2. Click Review Tab

3. From the Review Menu, select Printer
4. Add / remove image frames to be printed.
5. Print selected frames.

1. Import from CD or DVD: Open the patient list
2. On new Patient List window, click on Import Patient
3. Put disc with patient data into drive.
4. On new Media Import window, select Patient and import Patient, import all patients, or select Study and import Study.